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**Mathematics Faculty**

**Year 7 Summer Term 2 - Pi Scheme**

**Unit 12 Overview - Probability**

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| **Topic** | **Key Ideas** | **Progress** |
| **R** | **A** | **G** |
| **Probability** | I can use the language of probability |  |  |  |
| I can represent probabilities on a scale |  |  |  |
| I can list outcomes |  |  |  |
| I can calculate the probability of an event occurring and not occurring |  |  |  |
| I can compare probabilities |  |  |  |
| I can list outcomes of two events systematically |  |  |  |
| I can carry out simple experiments and calculate expected probabilities |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | **Using the language of probability** (CM clip 251) | Formative assessment strategies e.g. MWBs, whole class questioning, Diagnostic Questions, SLOP time with self-assessment, Live Marking etc. Assessment is also supported with our use of ILOs, which alternate between Basic Skills Checks one week and then a more individual ILO the following set through Century and Corbettmaths (see learning focus).Finally, every unit is assessed half-termly as part of our Assessment Calendar in Mathematics. | probability, likelihood, chance, certain, likely, even, unlikely, impossible |
| **2** | **Representing probabilities on a scale** (CM clip 251) | probability, likelihood, chance, certain, likely, even, unlikely, impossible, scale |
| **3** | Listing outcomes. Calculating the probability of an event occurring (CM clip 245) | probability, likelihood, outcome, event |
| **4** | Calculating the probability of an event not occurring (CM clip 250) | probability, likelihood, outcome, event |
| **5** | Comparing probabilities | probability, likelihood, outcome, event |
| **6** | Listing outcomes of two events systematically (CM clip 253) | outcome, list, systematic |
| **7** | Carrying out simple experiments and calculating expected probabilities  | probability, expectation, outcome, experiment |